

B6WBF 3.2  
6/17/08

RECEIVED

JUN 18 2008

Environmental  
Cleanup Office



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 10  
1200 Sixth Avenue, Suite 900  
Seattle, Washington 98101

June 17, 2008

Reply To  
Attn. Of: OEA-095

MEMORANDUM

SUBJECT: Data Transmittal for Bremerton Gasworks TBA,  
Case# 37435, SDG: MJ8K43, Inorganic Analysis

FROM: Donald Matheny, Chemist *DM*  
Environmental Services Unit, OEA

TO: Joanne LaBaw, Project Manager  
Office of Environmental Cleanup (ECL-115)

CC: Renee Nordeen, Ecology & Environment

The following data are being transmitted for the above project. Eight (8) water samples were analyzed for total elements by Bonner Analytical, Hattiesburg, MS. Sample numbers for this delivery group are:

MJ8K22	MJ8K43	MJ8K50	MJ8K51
MJ8K52	MJ8K53	MJ8K60	MJ8K67

A cursory assessment of the data indicates the following:

The matrix spike recovery was 7%. Detected arsenic values should be estimates with a low bias whereas non-detected values should be rejected.

No data validation qualifiers were applied to the data.

USEPA SF



1306385

REVISED

USEPA - CLP

16

1A-IN

## INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MJ8K22

Lab Name: Bonner Analytical Testing Compa Contract: EPW06055  
Lab Code: BONNER Case No.: 37435 NRAS No.: 1560.0 SDG NO.: MJ8K43  
Matrix (soil/water): WATER Lab Sample ID: 0805052-01  
Level (low/med): LOW Date Received: 5/17/2008  
% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.7		N	MS

Color Before: BROWN Clarity Before: CLOUDY Texture: \_\_\_\_\_  
Color After: COLORLESS Clarity After: CLEAR Artifacts: \_\_\_\_\_

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

USEPA - CLP  
1A-IN  
INORGANIC ANALYSIS DATA SHEET

17

EPA SAMPLE NO.

MJ8K43

Lab Name: Bonner Analytical Testing Compa Contract: EPW06055  
Lab Code: BONNER Case No.: 37435 NRAS No.: 1560.0 SDG NO.: MJ8K43  
Matrix (soil/water): WATER Lab Sample ID: 0805052-02  
Level (low/med): LOW Date Received: 5/17/2008  
% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.1		N	MS

Color Before: BROWN Clarity Before: CLOUDY Texture: \_\_\_\_\_  
Color After: COLORLESS Clarity After: CLEAR Artifacts: \_\_\_\_\_

Comments:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## USEPA - CLP

18

1A-IN /

## INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MJ8K50

Lab Name: Bonner Analytical Testing Compa Contract: EPW06055  
Lab Code: BONNER Case No.: 37435 NRAS No.: 1560.0 SDG NO.: MJ8K43  
Matrix (soil/water): WATER Lab Sample ID: 0805052-03  
Level (low/med): LOW Date Received: 5/17/2008  
% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.04		N	MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: \_\_\_\_\_  
Color After: COLORLESS Clarity After: CLEAR Artifacts: \_\_\_\_\_

Comments:

---

---

---

---

## USEPA - CLP

1A-IN

19

## INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MJ8K51

Lab Name: Bonner Analytical Testing Compa Contract: EPW06055  
Lab Code: BONNER Case No.: 37435 NRAS No.: 1560.0 SDG NO.: MJ8K43  
Matrix (soil/water): WATER Lab Sample ID: 0805052-04  
Level (low/med): LOW Date Received: 5/17/2008  
% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.04		N	MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: \_\_\_\_\_  
Color After: COLORLESS Clarity After: CLEAR Artifacts: \_\_\_\_\_

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

USEPA - CLP  
1A-IN  
INORGANIC ANALYSIS DATA SHEET

20

EPA SAMPLE NO.

MJ8K52

Lab Name: Bonner Analytical Testing Compa Contract: EPW06055  
Lab Code: BONNER Case No.: 37435 NRAS No.: 1560.0 SDG NO.: MJ8K43  
Matrix (soil/water): WATER Lab Sample ID: 0805052-05  
Level (low/med): LOW Date Received: 5/17/2008  
% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.08		N	MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: \_\_\_\_\_  
Color After: COLORLESS Clarity After: CLEAR Artifacts: \_\_\_\_\_

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

USEPA - CLP  
1A-IN  
INORGANIC ANALYSIS DATA SHEET

21

EPA SAMPLE NO.

MJ8K53

Lab Name: Bonner Analytical Testing Compa Contract: EPW06055  
Lab Code: BONNER Case No.: 37435 NRAS No.: 1560.0 SDG NO.: MJ8K43  
Matrix (soil/water): WATER Lab Sample ID: 0805052-06  
Level (low/med): LOW Date Received: 5/17/2008  
% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.1		N	MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: \_\_\_\_\_  
Color After: COLORLESS Clarity After: CLEAR Artifacts: \_\_\_\_\_

Comments:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

USEPA - CLP  
1A-IN  
INORGANIC ANALYSIS DATA SHEET

22

EPA SAMPLE NO.

MJ8K60

Lab Name: Bonner Analytical Testing Compa Contract: EPW06055  
Lab Code: BONNER Case No.: 37435 NRAS No.: 1560.0 SDG NO.: MJ8K43  
Matrix (soil/water): WATER Lab Sample ID: 0805052-07  
Level (low/med): LOW Date Received: 5/17/2008  
% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.63		N	MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: \_\_\_\_\_  
Color After: COLORLESS Clarity After: CLEAR Artifacts: \_\_\_\_\_

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MJ8K67

Lab Name: Bonner Analytical Testing Compa Contract: EPW06055  
Lab Code: BONNER Case No.: 37435 NRAS No.: 1560.0 SDG NO.: MJ8K43  
Matrix (soil/water): WATER Lab Sample ID: 0805052-08  
Level (low/med): LOW Date Received: 5/17/2008  
% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.90		N	MS

Color Before: BROWN Clarity Before: CLOUDY Texture: \_\_\_\_\_  
Color After: COLORLESS Clarity After: CLEAR Artifacts: \_\_\_\_\_

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_